

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Complete Listing of Claims:**

- A<sup>1</sup>
1. (Currently Amended) A system for delivery of a drug to a patient comprising:  
a drug delivery device arranged to deliver the drug to the patient over a plurality of breaths, the device including a breath analyser which analyses a patient's breathing and generates breath information on the patient's breathing during drug delivery;  
a data carrier onto which the drug delivery device is arranged to place the breath information; and  
a data analyser arranged to analyse the breath information from the data carrier, and to derive characteristics of the patient's breathing ; and a trend generator of analyzing the breath information and the characteristics of the patient's breathing over a number of drug deliveries.
  2. (Withdrawn) ~~A system according to claim 1, wherein the data analyser includes a trend generator for analysing breath information and characteristics of the patient's breathing over time.~~
  3. (Original) A system according to claim 1, wherein the data analyser includes means for identifying non-compliant use of the drug delivery device.
  4. (Withdrawn) ~~A system according to claim 3, wherein the data analyser includes a trend generator for analysing breath information and characteristics of the patient's breathing over time.~~
  5. (Currently Amended) A method of optimizing treatment from a drug delivery device which is arranged to deliver the drug to the patient over a plurality of breaths comprising:

analysing a patient's breathing during drug delivery and generating breath information from that breathing;  
transferring the breath information to a data analyser;  
deriving characteristics of the patient's breathing from the breath information; and identifying non-complaint use of the drug delivery device; and analyzing the breath information and the characteristics of the patient's breathing over a number of drug deliveries.

6. (Original) A method of identifying changes in condition of a patient over time of treatments from a drug delivery device comprising:

analysing a patient's breathing during drug delivery and generating breath information from that breathing;  
transferring the breath information to a data analyser;  
deriving characteristics of the patient's breathing from the breath information; and analysing the characteristics of the patient's treatments over time to identify trends in those characteristics.